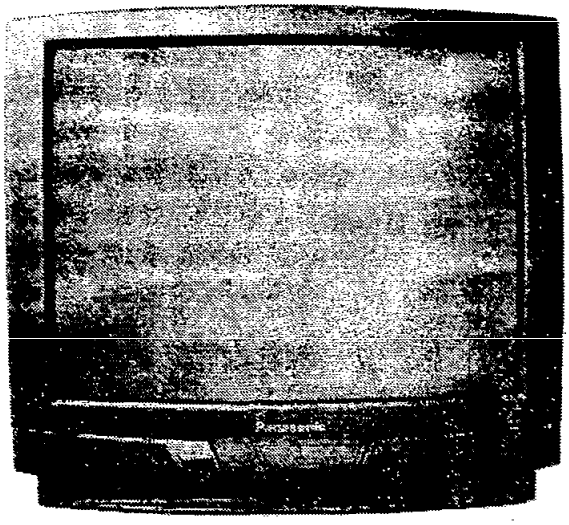
Panasonic



TX-28MD4
TX-25MD4
TX-21MD4

Colour Television

(U.K. Standard)

DIGITAL 8-BIT Technology

Q Link

Quintrix

OWNER I.D.

Operating Instructions

TQB8E2488-2

WELCOME

Dear Panasonic Customer,
Welcome to the Panasonic family of customers. We hope that you have many years of enjoyment from your new colour television. This is a very advanced television; however, the Quick Start Guide will allow you to use the TV as quickly as possible. You can then read the instructions completely and retain them for future reference.

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WARNINGS AND PRECAUTIONS

- This TV set is designed to operate on 220 - 240V, 50Hz A.C.
- To prevent damage which might result in electric shock or fire, do not expose this TV set to rain or excessive moisture.
- **WARNING : HIGH VOLTAGE !!!**
  Do not remove the rear cover as live parts are accessible when it is removed. There are no user serviceable parts inside.
- Avoid exposing the TV set to direct sunlight and other sources of heat.
- The On/Off switch on this model does not fully disconnect the TV from the mains supply. Remove the mains plug from the wall socket when the TV set is not used for a prolonged period of time.
- **CABINET AND PICTURE TUBE CARE**
  Remove the mains plug from the wall socket. The cabinet and picture tube can be cleaned with a soft cloth moistened with mild detergent and water. Do not use solutions containing benzol or petroleum. TV sets can produce static electricity, care must be taken whenever touching the TV screen.
- Adequate ventilation is essential to prevent failure of electrical components, we recommend that a gap of at least 5cm is left all around this television receiver even when it is placed inside a cabinet or between shelves.

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY

This appliance is supplied with a fitted three pin mains plug for your safety and convenience. A 5 amp fuse is fitted in this plug. If the fuse is replaced then the replacement fuse must be 5 amp rated and should be approved by ASTA or BSI to BS1362.

Check for the ASTA mark or the BSI mark on the body of the fuse.

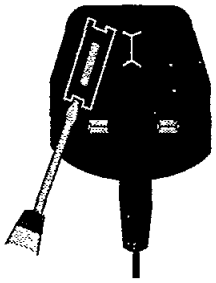
If the fitted plug has a removable fuse cover you must ensure that it is refitted when the fuse is replaced. If you lose the fuse cover the plug must not be used until a replacement cover is obtained. Replacement fuse covers can be purchased through your local Panasonic dealer.

The plug fitted to this appliance incorporates a mains filter circuit. If this is removed or replaced with a non-filtered plug this television will no longer meet the European standards for Electromagnetic Compatibility (EMC). If the fitted plug is unsuitable for the socket outlet in your home an appropriate adapter should be used.

Nonetheless, if the fitted plug is replaced, the fuse should be taken out and the cut-off plug disposed of safely. There is danger of severe electrical shock if the cut off plug is inserted into any 13 amp. socket.

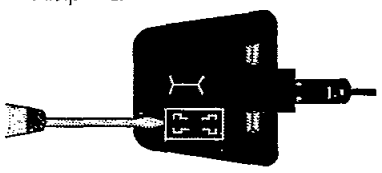
If a new plug is to be fitted please observe the wiring code as shown below.
If in any doubt please consult a qualified electrician.

Example 1.



How to replace the fuse (for plug type shown in example 1) :
Lift out the removable fuse compartment with a screwdriver and replace the fuse, then refit securely into the mains plug (See example 1).

Example 2.



How to replace the fuse (for plug type shown in example 2) :
Lift open the fuse compartment, in the mains plug, with a screwdriver, and replace the fuse, then press the fuse cover down securely. (See example 2).

IMPORTANT :- The wires in the mains lead of this appliance are coloured in accordance with the following code :-

BLUE : NEUTRAL BROWN : LIVE

As the colours of the wires in the mains lead of this appliance may not correspond to the markings identifying the terminals in your plug, proceed as follows :-

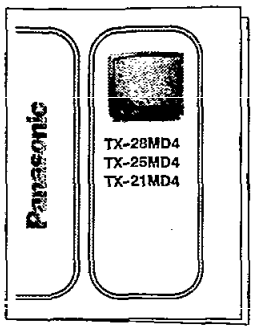
1. The BLUE wire must be connected to the terminal marked 'N' or coloured black.
2. The BROWN wire must be connected to the terminal marked 'L' or coloured red.

IMPORTANT NOTE : Under no circumstances should either of these wires be connected to the Earth terminal of the three pin plug, marked with the letter 'E' or the earth symbol.

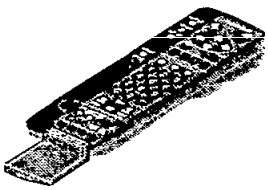
ACCESSORIES

Check that you have the accessories and items shown ✓

☐ Operating Instruction book
TQB8E2488

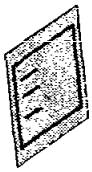


☐ Remote Control Transmitter
EUR511200



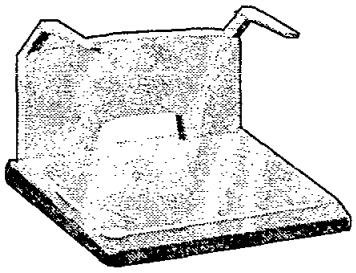
☐ Batteries for the Remote Control Transmitter.
(2 x R6 (UM3) size)

☐
CRT Guarantee

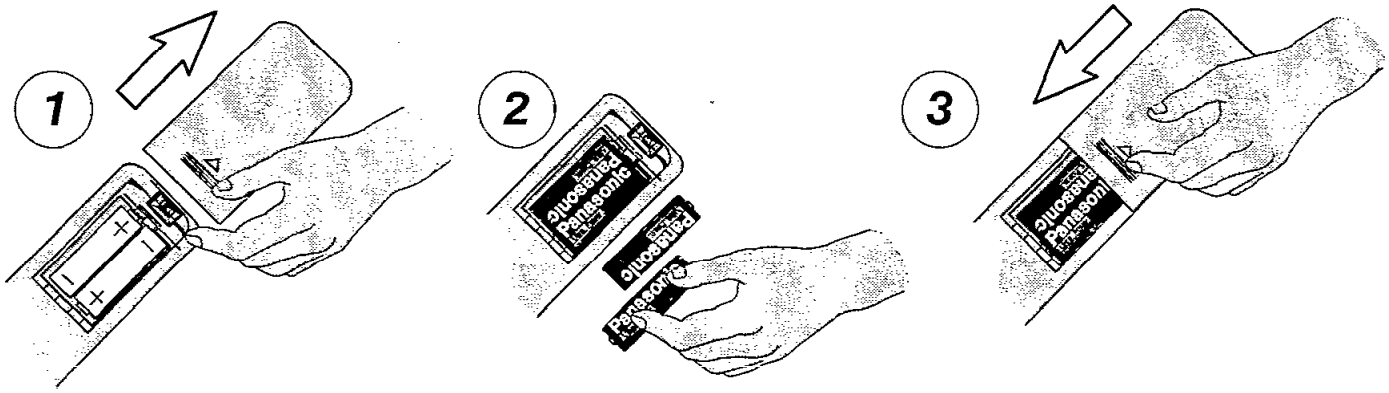
☐ 
TV Guarantee

☐
Questionnaire

☐ TV Stand TS-2800(S)
(Assembly Instructions are included in stand packaging)



INSERTING THE REMOTE CONTROL BATTERIES



Slide off the battery cover

Insert batteries - note correct polarity (+ and -)

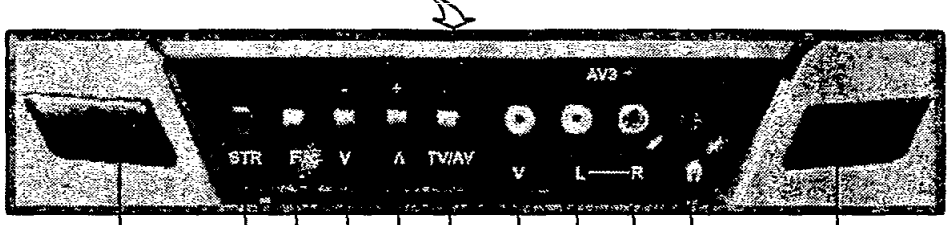
Replace the cover

Notes:

- Make sure that the batteries are fitted the correct way round.
- Do not mix old batteries with new batteries. Remove old, exhausted batteries immediately.
- Do not mix different battery types, i.e. Alkaline and Manganese. Do not use rechargeable (Ni-Cad) batteries.

BASIC CONTROLS : FRONT PANEL AND REMOTE CONTROL

Press here and open flap to expose TV controls, front AV3 and headphone terminals



MAINS Power On/Off switch

STR (Normalisation store)
Used to store tuning and other function settings

F (Function select)
Displays the On Screen Display functions, use repeatedly to select from the available functions - Volume, Contrast, Brightness, Colour, Sharpness, Tint (in NTSC mode), Bass, Treble, Balance, and Tuning mode. Press and hold for 5 seconds to display the Owner ID information.

Red light indicates Standby mode. Use Standby switch, -, +(Front Panel) or 0-9 buttons to switch TV On

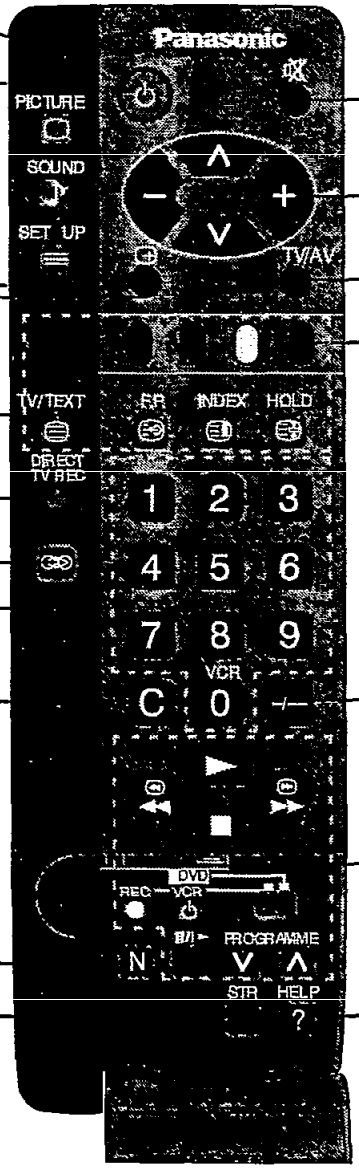
Headphone socket (see page 30)

RCA Audio/Video sockets (page 30)

TV/AV switch (see page 23)

Increases or decreases the programme position by one. When a function is already displayed, press to increase or decrease the selected function.
When in Standby mode, switches TV On.

Standby ON/OFF switch
Switches TV On or Off standby.



Sound mute On/Off

Menu buttons
Press to access the Picture, Sound and Setup menus (see page 10)

Cursor buttons to make selections and adjustments

Status button
Press to display programme position, programme name, channel number, time, NICAM mode and programme table

Switch between viewing TV or AV input (see page 23)

Coloured buttons used for Programme Edit functions (see page 15) Teletext functions (see page 28) AV selection (see page 23)

Teletext buttons (see page 28)

Direct TV Record button (see page 24)

Ambience on/off

Programme / channel change buttons (0-9) and Teletext page buttons (see page 28)
When in Standby mode, switches TV on.

Programme position for selection of two digit programmes (10-99) using numeric buttons

Direct channel access
During normal TV viewing or when in the Tuning, Programme edit or Manual tuning menus, press and then enter channel number using the numeric buttons

VCR / DVD buttons (see page 27)

The N button will recall settings stored with STR

STR (Normalisation store)

The Help button provides a demonstration of On Screen Display menus

Connection and setting up options

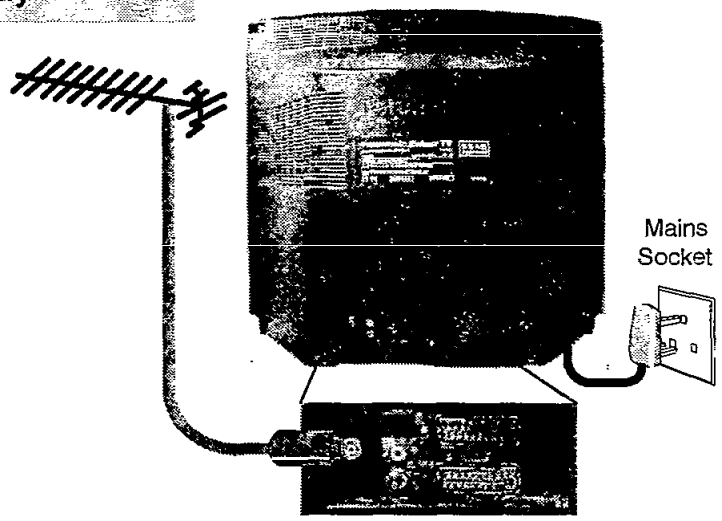
1. If connecting the TV using an RF cable only, proceed to option 1.
2. If connecting the TV using Scart and RF cables, proceed to option 2.
3. If connecting the TV to a Q-Link (or Q-Link compatible) VCR, proceed to option 3 on page 7.

What is Q-Link ?

Q-Link allows direct communication between the TV and a Q-Link (or Q-Link compatible) VCR, this will enable features such as downloading of tuning information from the TV to the VCR.

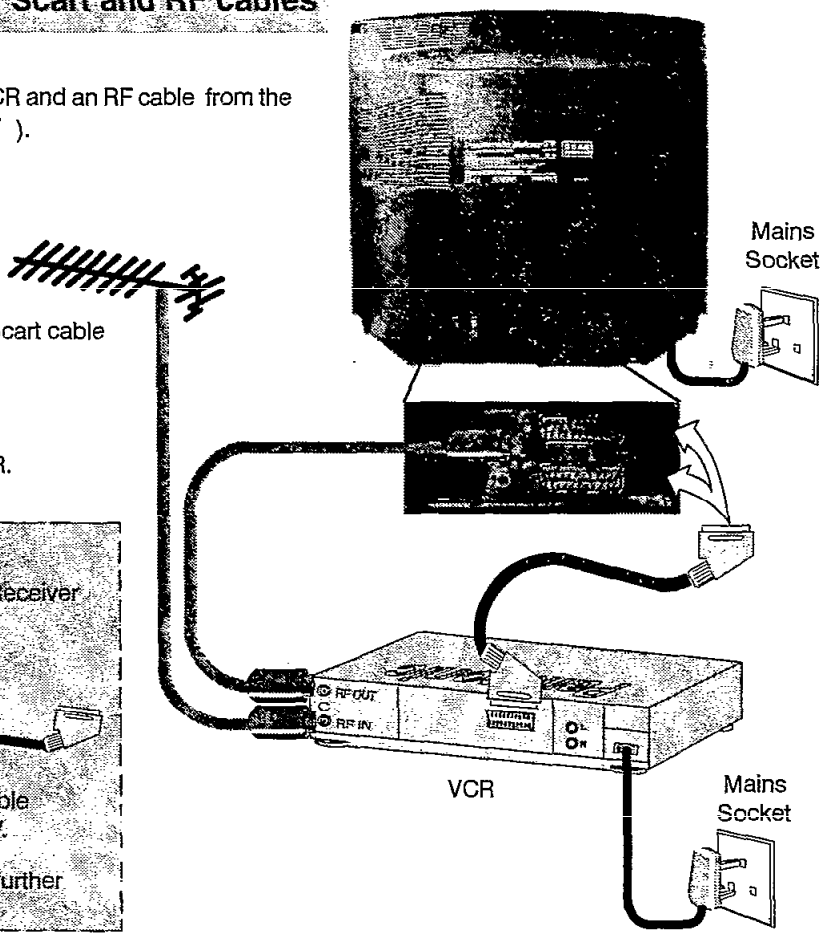
1. Connection of TV using an RF cable only

Connect the RF cable into the TV Aerial socket (⊓).



2. Connection of TV and VCR using Scart and RF cables

Connect the RF cable to the Aerial In socket of the VCR and an RF cable from the VCR Aerial Out socket to the TV Aerial socket (⊓).



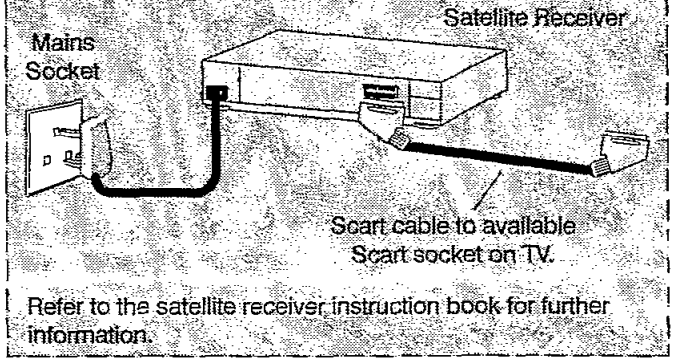
Scart Connections

The VCR can also be connected to the TV using a Scart cable if you are using a Scart equipped VCR.

Use the TV's AV1 Scart socket for a VCR.

Use the TV's AV2S Scart socket for an S-Video VCR.

Satellite Receiver



Refer to the satellite receiver instruction book for further information.

Notes :

Additional equipment and cables are not supplied.

Further details of Audio/ Video connections can be found on pages 30 and 31.

3. Q-Link connection of TV and VCR using Scart and RF cables

When using a "NEXTVIEWLINK" VCR the main features possible are the following :

- *Preset Download* – Downloading of tuning information from the TV to the VCR .
- *Direct TV Record* – For immediate recording of the current program (What You See Is What You Record).

When using a "Q-Link" VCR the main features possible are the following :

- *Preset Download* – Downloading of tuning information from the TV to the VCR .
- *Direct TV Record* – For immediate recording of the current program (What You See Is What You Record).
- *TV/VCR Auto Power On* – When the VCR plays a tape the TV will automatically switch On and select the AV2 input.
- *VCR Auto Power Standby* – When the TV is switched into Standby, the VCR will also switch into Standby.
- *VCR Image view On* – If the TV is in Standby mode and the VCR sends a menu to be displayed on the TV screen (e.g. Main menu), the TV will automatically switch On and the menu will be displayed.

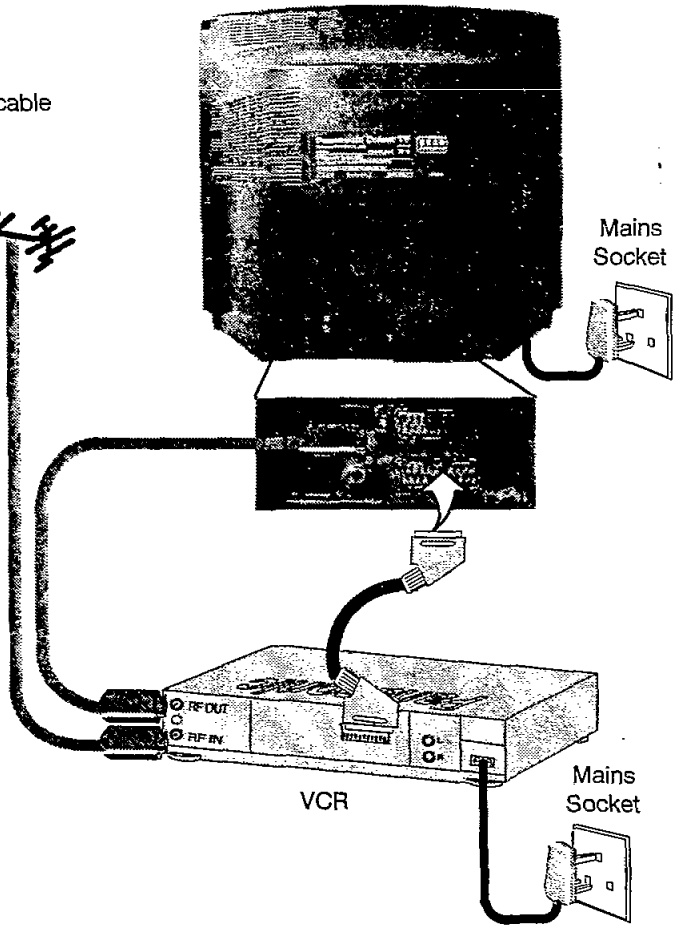
This TV will also communicate with other VCR's that bear the following logo's :

- "DATA LOGIC" (a trademark of Metz Corporation).
- "Easy Link" (a trademark of Philips Corporation).
- "Megalogic" (a trademark of Grundig Corporation).
- "SMARTLINK" (a trademark of Sony Corporation).

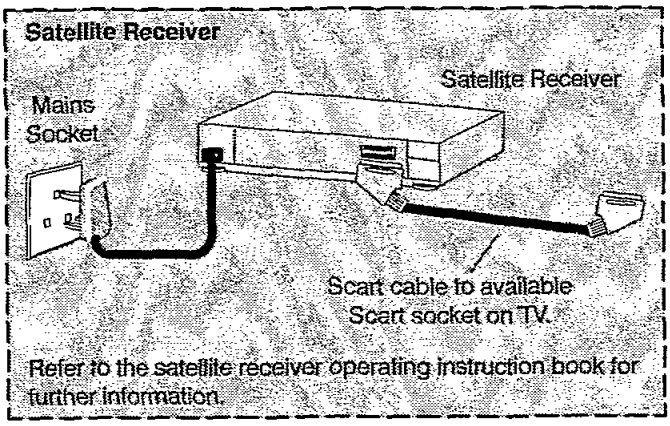
These VCR's may support some or all of the above functions.
Refer to the VCR operating instruction book.

Further information on Q-Link can be found on page 24.

Connect the RF cable to the Aerial In socket of the VCR and an RF cable from the VCR Aerial Out socket to the TV Aerial socket (⊓).



Scart Connection
The VCR must be connected to the AV2 Scart socket of this TV using a 'fully wired' Scart cable.
For connection to the appropriate Scart socket on the VCR, refer to the VCR operating instruction book.



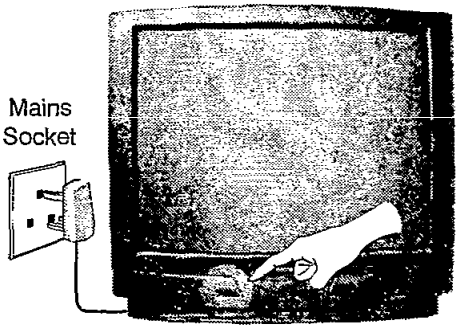
Notes :
Additional equipment and cables are not supplied.
Further details of Audio/ Video connections can be found on pages 30 and 31.
Further information for VCR and Satellite Receiver installation with this TV can be found on page 26.

QUICK START GUIDE

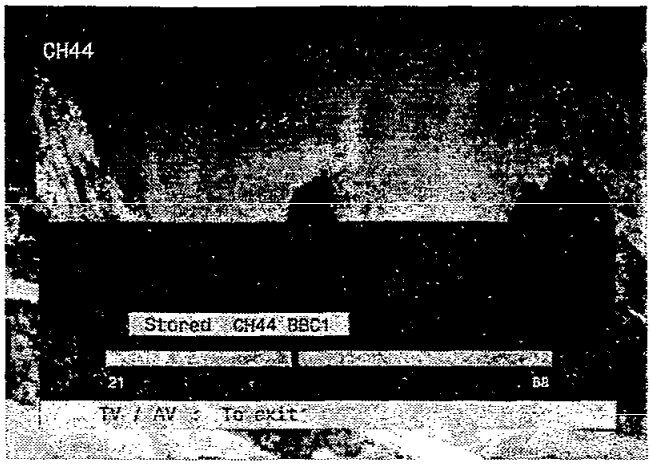
1 Ensure that the **VCR is in Standby mode.**

Switch ON your Satellite Receiver; to ensure reliable tuning select either SKY ONE or SKY NEWS.

Plug the TV into mains socket and switch ON.

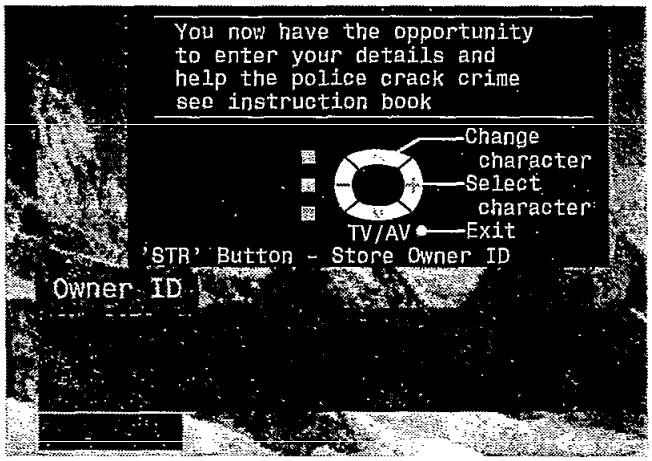


2 Programmes will appear immediately if your dealer has programmed the TV for you.
If the TV has not been programmed for you then **Auto setup** will begin. TV stations will be located, sorted into order and stored ready for use.



3 **Owner ID**
As an added feature, this TV has the option of adding a security code(Owner ID) and personal details into its memory, so that in the unfortunate event of theft it will help the Police to trace the owner.

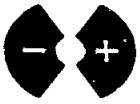
Enter required 4 digit Owner ID **PIN NUMBER.**
(using 0 to 9 on the remote control).



4 Enter **NAME, HOUSE NUMBER** and **POSTCODE.**

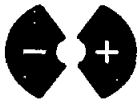
If a 4 digit **PIN NUMBER** was entered above, you will be taken automatically to the **NAME** line.

If not, move to the **NAME** line.

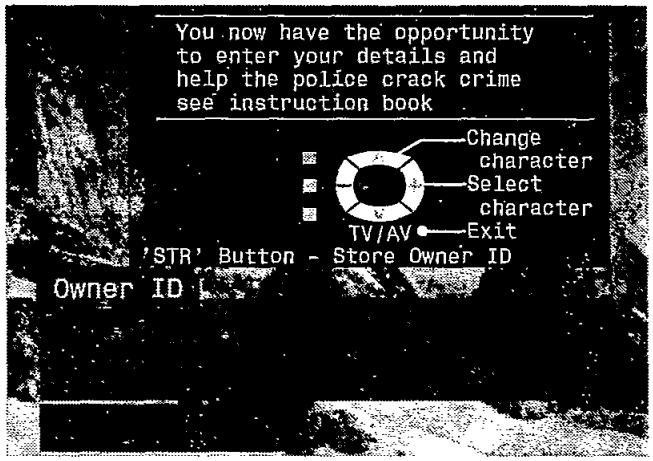


Change character.

Select character position.



Repeat above until **NAME, HOUSE NUMBER** and **POSTCODE** are entered.



Press STR to store the details.

Press **STR** again, when you are asked "Are you sure ?"

For further information on Owner ID, see page 22.

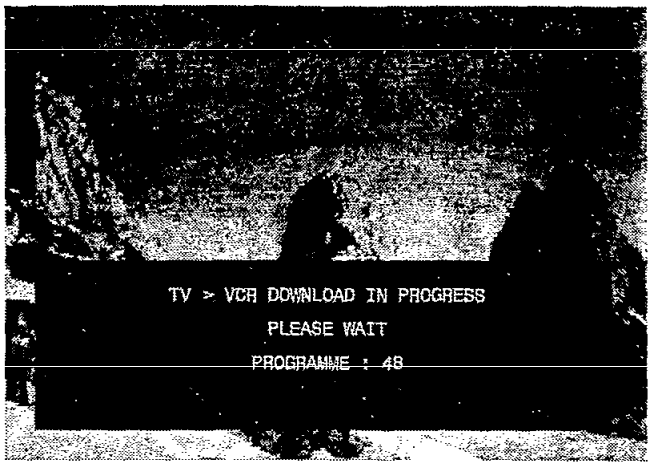
A space is provided on page 22 to write down the **PIN NUMBER** for future reference.

5 TV to VCR Download

If a "Q-Link", "NEXTVIEWLINK" or compatible VCR has been connected to the AV2 socket before starting Step 1, programme information will be downloaded to the VCR.

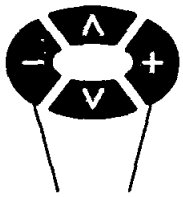
Downloaded tuning information will match the television's.

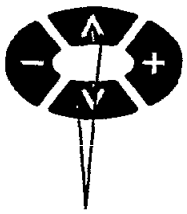
Not all VCRs support this download of programme information, some may require to be started manually.
Refer to the VCR operating instruction book.



If a VCR other than those described above has been connected, then there will be no download operation, the TV is now ready for use :–

READY TO GO . . .





Notes :

If the VCR has not accepted download data from the TV, you may need to select the Download option from the VCR's menu system. Refer to the VCR operating instruction book.

If Q-Link is not operating correctly, check the following :

- The Scart cable is connected to the TV's AV2 Scart socket.
- The Scart cable is connected to the VCR's compatible (Q-Link, NEXTVIEWLINK or similar technology) Scart socket.
- The Scart cable is a "fully wired" type.

For further information on Q-Link and connecting equipment, see pages 24, 30 and 31.

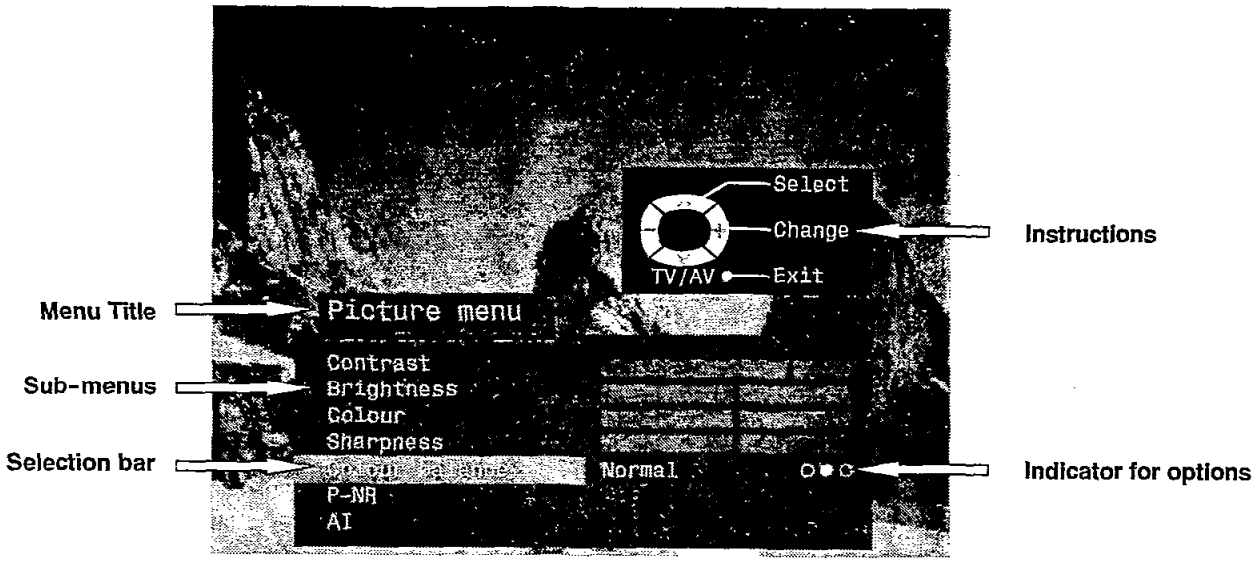
- The sorted programme order depends upon the TV signal, the broadcasting system, and reception conditions.
  If the order is not to your preference it can be rearranged. Refer to the Programme edit menu - see page 15 for details.

Prog. Position	All channels	No CH5	No CH5 / S4C	No CH4 / CH5	No S4C	No CH4 / S4C	No CH4 / S4C / CH5
1	BBC1	BBC1	BBC1	BBC1	BBC1	BBC1	BBC1
2	BBC2	BBC2	BBC2	BBC2	BBC2	BBC2	BBC2
3	ITV	ITV	ITV	ITV	ITV	ITV	ITV
4	CH4	CH4	CH4	S4C	CH4	CH5	SAT
5	S4C	S4C	SAT	SAT	CH5	SAT	○
6	CH5	SAT	○	○	SAT	○	○
7	SAT	○	○	○	○	○	○

Note :
○ The next available channel will appear, if no other stations are available then the Programme position will remain unused.

USING THE ON SCREEN DISPLAYS

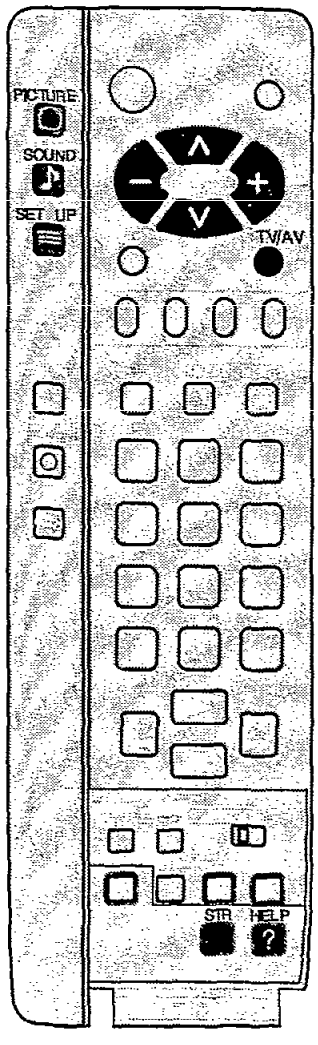
This TV has a comprehensive system of On Screen Display menus to access adjustments and options



Some selections, for example, **Contrast, Brightness, Colour** and **Sharpness** will allow you to increase or decrease their level.

Some selections, for example, **Off timer**, allow a change of setting to be made.

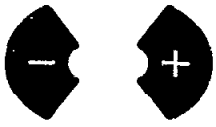
Some selections, for example **Tuning menu**, will lead to a further menu.



The **PICTURE**, **SOUND** and **SET UP** buttons are used to open the main menus and also to return to the previous menu.

The up and down cursor buttons are used to move the cursor up and down the menus.

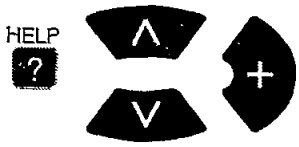
The left and right cursor buttons are used to access menus, adjust levels or to select from a range of options.



The **STR** button is used to store settings after adjustments have been made or options have been set.

The **TV/AV** button is used to exit the menu system and return to the normal viewing screen.

The **HELP** button will run a demonstration of the menus available. Press the **HELP** button and select one of the options.



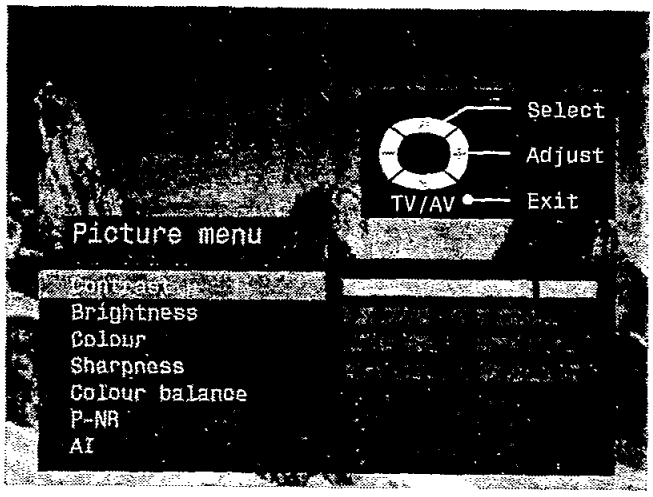
PICTURE MENU

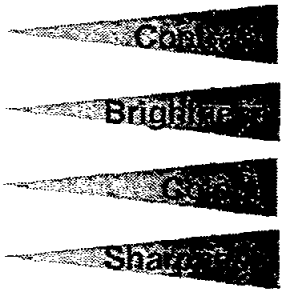
Open the Picture menu — PICTURE

Move to your choice

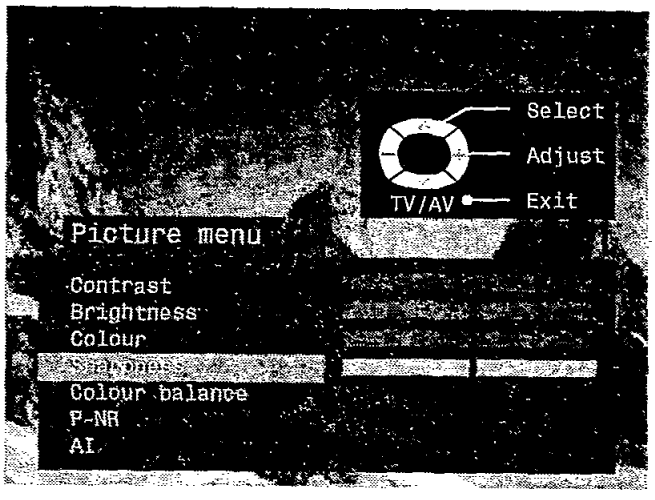
Increase or decrease levels or set options

Press the TV/AV button to exit the Picture menu — TV/AV





The Contrast, Brightness, Colour and *Sharpness levels can be adjusted to suit* your own preferences.



The Tint adjustment will only appear as a menu item if you have an NTSC signal source connected to the TV and will allow adjustment of the hue.

Colour balance

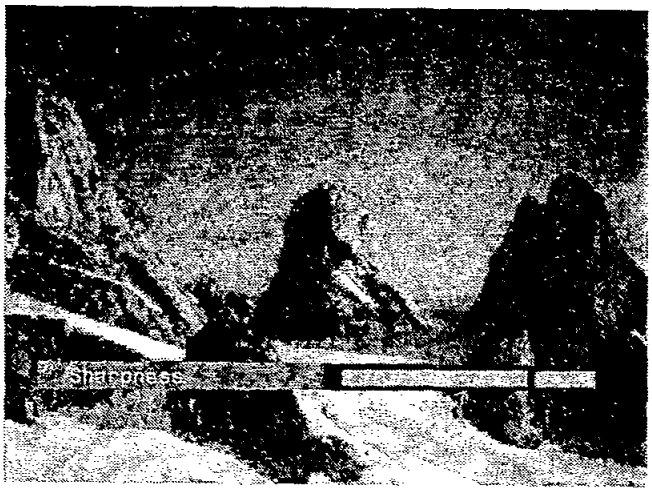
The Colour balance setting allows you to set the overall colour tone of the picture.

P-NR

P-NR will automatically reduce *unwanted picture noise.*

AI

AI automatically analyses the incoming picture and processes it to give improved contrast and optimum depth of field.



SOUND MENU

Open the Sound menu

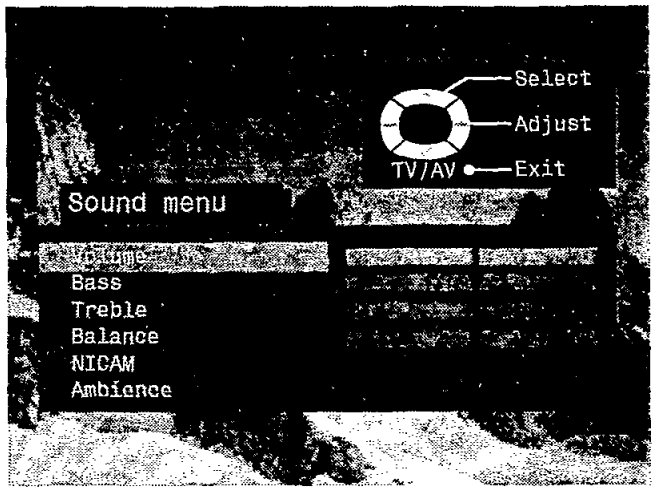
SOUND

Move to your choice

Increase or decrease levels or set options

Press the TV/AV button to exit the Sound menu

TV/AV



Volume

The Volume adjustment sets the overall output volume.

Bass

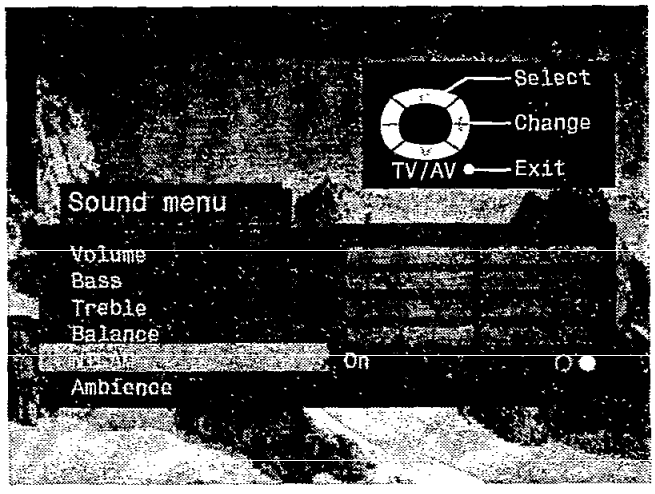
Bass adjustment will emphasise the lower, deeper frequencies and can be increased or decreased.

Treble

Treble adjustment will emphasise the sharper, higher frequencies and can be increased or decreased.

Balance

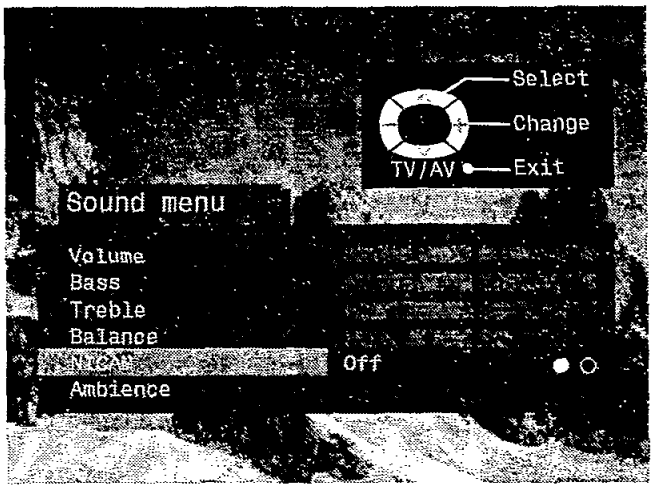
Balance affects the levels of sound between the left and right speakers. Adjustment can be made so that the level from the speakers will suit your listening position.



NICAM

●○

Select On to provide stereo sound reproduction. Select Off for FM Mono sound output.
If Nicam Mono is being transmitted select either FM Mono (Off), Nicam Mono I (M1) or Nicam Mono II (M2). The options depend upon the signal being transmitted. If reception deteriorates it is advisable to switch to FM Mono (Off).
When Nicam transmissions are not being received the sound will be FM Mono (Off) only.



Ambience

●○

Ambience provides a dynamic enhancer to simulate improved spatial effects.

The Setup menu provides access to various advanced features and also to the Tuning menu

Open the Setup menu

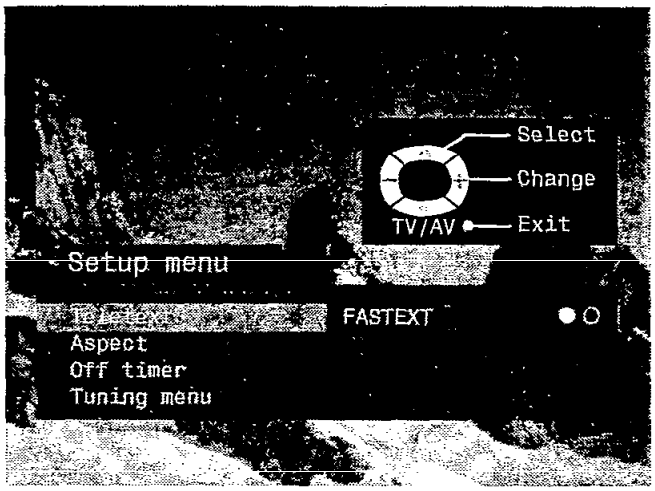
SET UP

Move to your choice

Increase or decrease levels, set options or access further menus

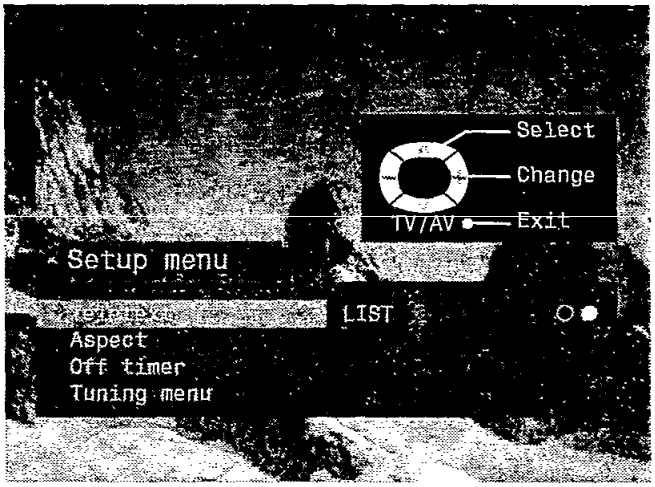
Press the TV/AV button to exit the Setup menu

TV/AV



Teletext

The Teletext option allows you to choose between FASTEXT or LIST mode.
See page 28.



Aspect

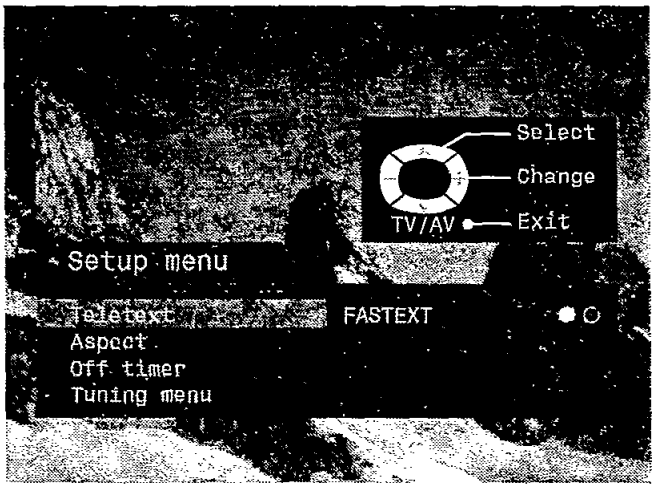
Aspect allows you to view widescreen programme material with the correct aspect ratio (16:9).

Off timer

Off timer will switch the TV off within a preset time which you can choose from between 0 to 90 minutes in 15 minute intervals.

Tuning menu

The Tuning menu provides an entry to many other features including Programme edit and Auto setup.
See page 14.



Volume correction

Volume correction (in AV mode only) allows you to adjust the volume level of individual stations.

TUNING MENU - overview

Open the Setup menu

SET UP

Move to Tuning menu

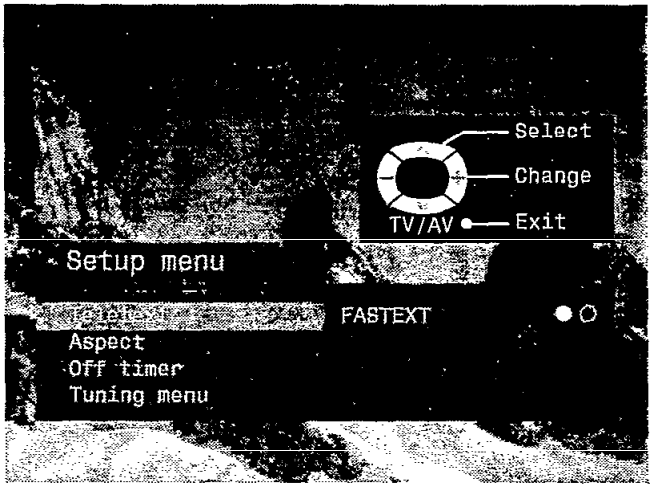
Access Tuning menu

Move to your choice

Increase or decrease levels, set options or access further menus

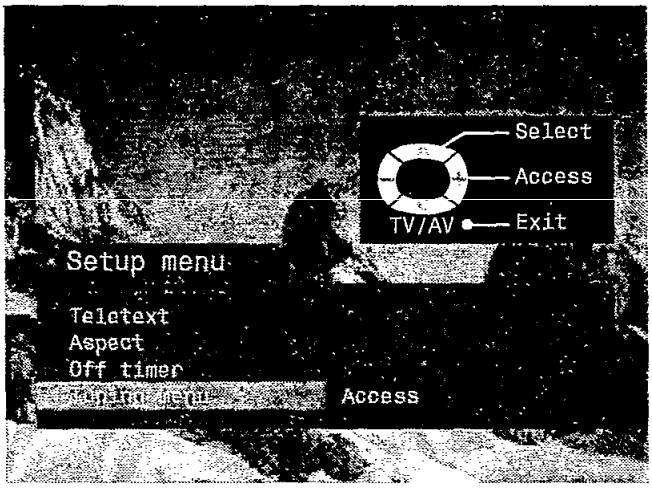
Press the TV/AV button to exit

TV/AV



Programme edit

Accessing the Programme edit menu will allow stations to be moved, added, deleted, named or locked.
See page 15.



Auto setup

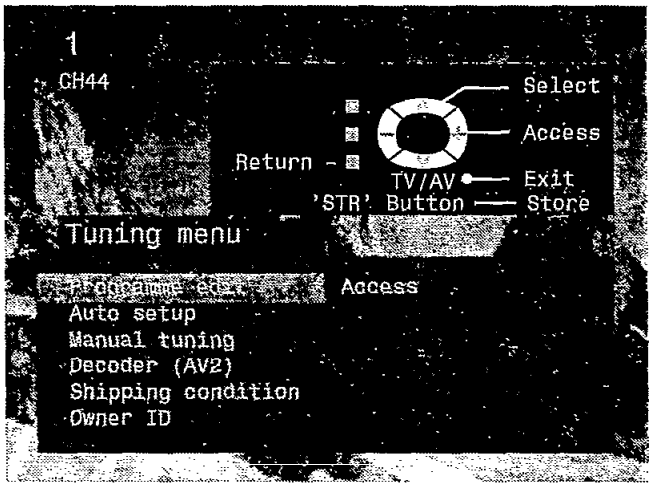
The Auto setup menu allows you to automatically retune the TV.
See page 19.

Manual tuning

The Manual tuning menu allows individual programme positions to be tuned manually. See page 20.

●○ Decoder (AV2)

This option is used when a decoder is connected via AV2. Set to On if a scrambled signal is to be processed by the decoder. Set to Off after use.



Shipping condition

Allows you to clear all tuning information and reset all control levels back to factory settings. See page 21.

Owner ID

Allows you to enter a security code and address information.
See page 22.

TUNING MENU - PROGRAMME EDIT

The Programme edit menu allows you to edit the programme position settings

Open the Setup menu

SET UP

Move to Tuning menu

Access Tuning menu

Move to Programme edit menu

Access Programme edit menu

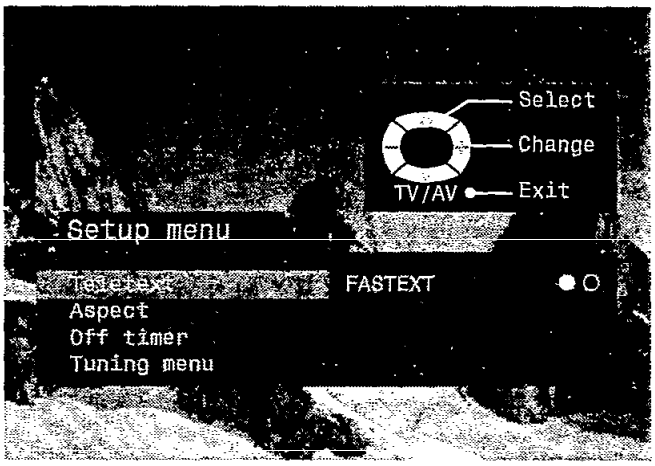
Make required changes (see sections below)

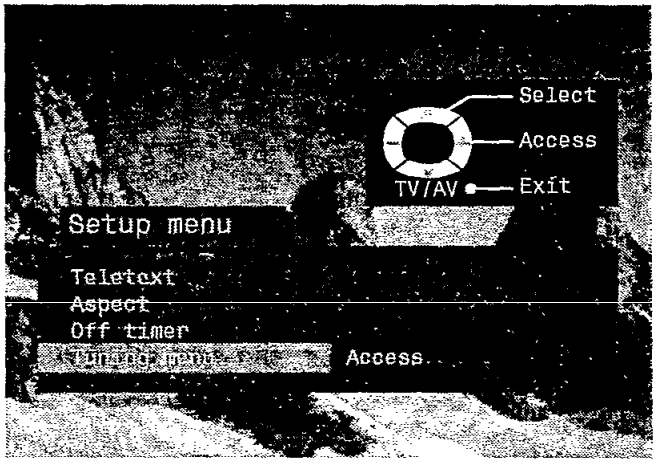
Press STR button to store changes

STR

If you have finished in the Programme edit menu, press the TV/AV button to exit

TV/AV





To delete an unwanted programme position

Ensure that the cursor is in the Prog. Column

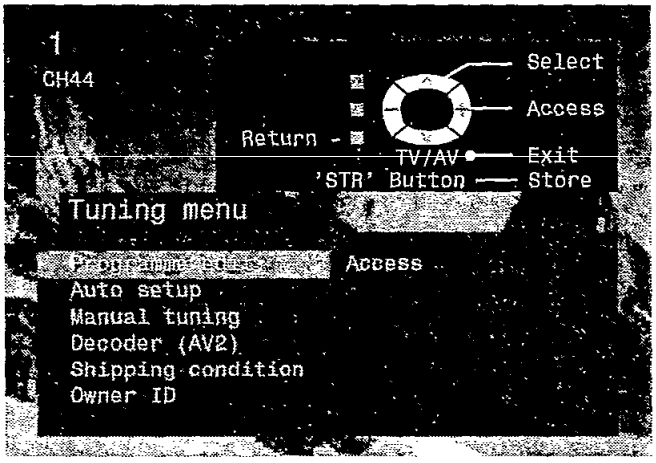
Choose the programme position

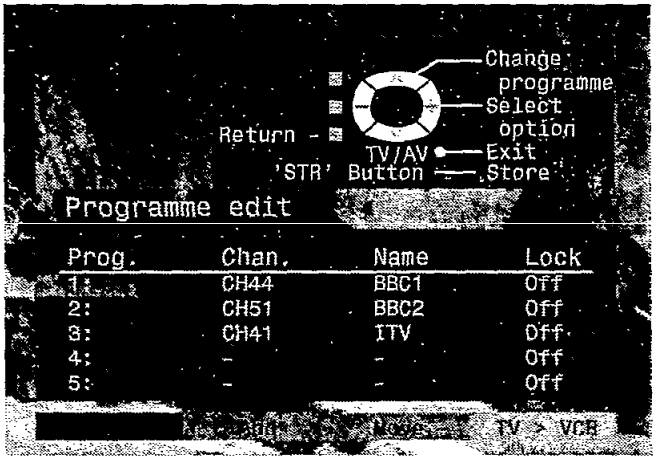
Press the Red button on remote control

Press the Red button again to confirm

If you have finished in the Programme edit menu, press the TV/AV button to exit

TV/AV





To add a programme position

Choose the programme position where the new programme is to be inserted

Press the Green button

Press the Green button again to confirm

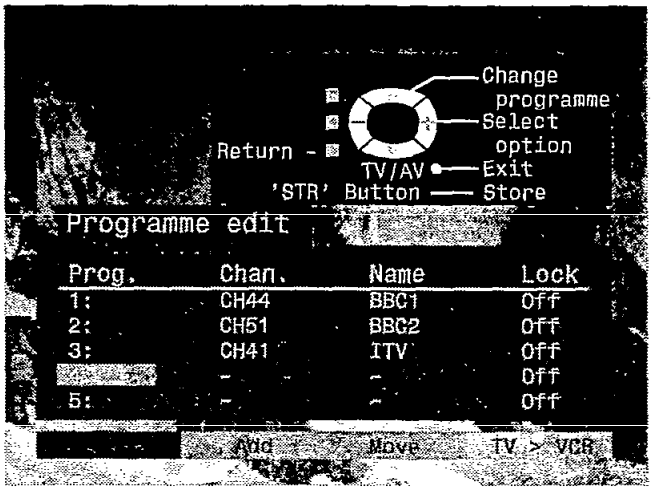
This blank programme can then be tuned, named or locked.

Press STR to store

STR

If you have finished in the Programme edit menu, press the TV/AV button to exit

TV/AV



To move a programme to another position

Choose the programme position to be moved

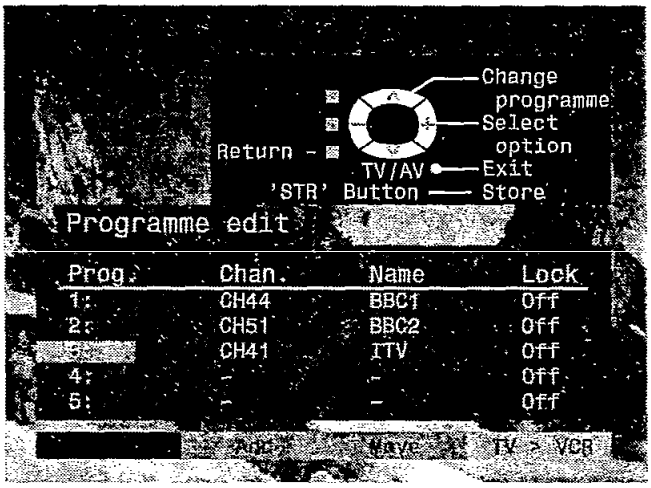
Press the Yellow button on remote control

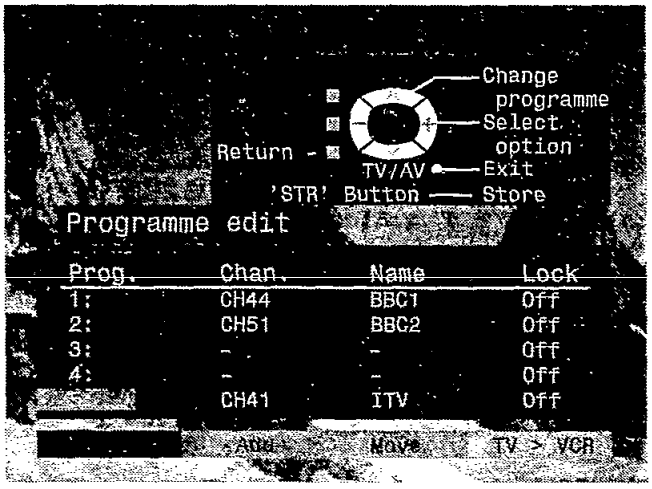
Choose new position

Press the Yellow button again to confirm

If you have finished in the Programme edit menu, press the TV/AV button to exit

TV/AV





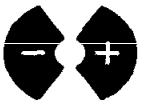
To rename a programme position

Choose the programme position

Move to the Name column

Choose the new character

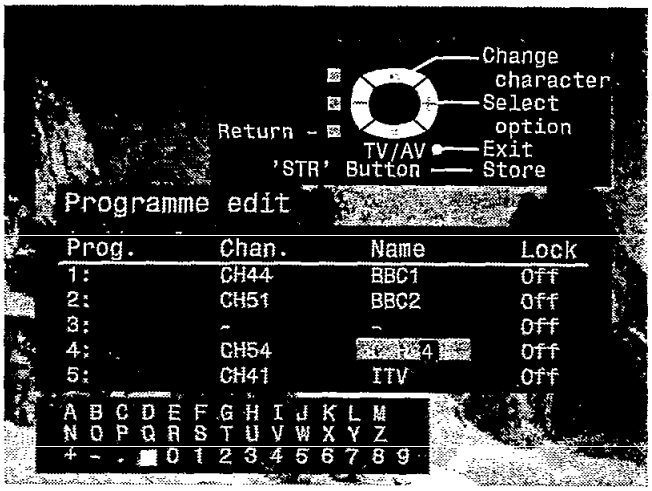
Move to the next character position



Continue until renaming is done

Press STR to store

If you have finished in the Programme edit menu, press the TV/AV button to exit



TUNING MENU - PROGRAMME EDIT

To lock a programme position to prevent access

Choose the programme position

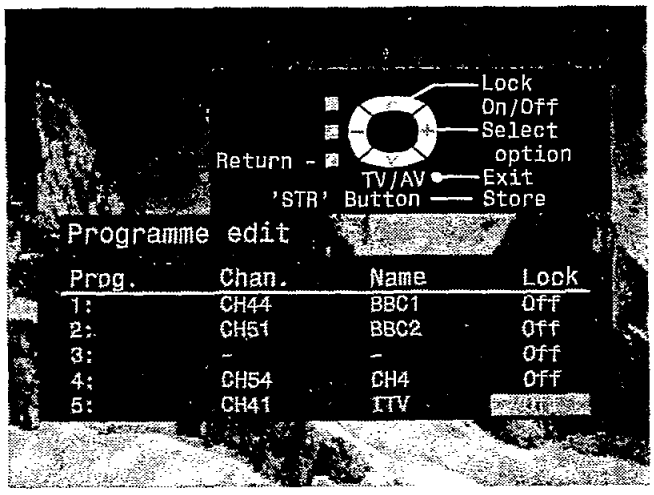
Move to the lock column

Choose between lock On or lock Off

Press STR to store

If you have finished in the Programme edit menu, press the TV/AV button to exit

Note :
When a programme position is locked, Direct Channel Access using the 'C' and numeric keys on the remote control is not available.

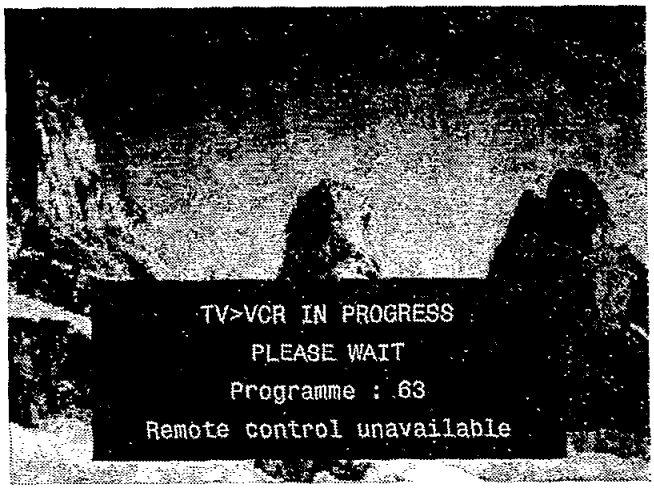


To copy programme information to a compatible VCR connected to AV2

Move to the Prog. column

Press the Blue button on the remote control.
Programme data will now be sent to the VCR. This might take a while, depending on the number of stations stored.

If you have finished in the Programme edit menu, press the TV/AV button to exit



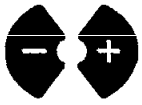
TUNING MENU - AUTO SETUP

The Auto setup menu will allow you to automatically retune the TV to your local stations. It is useful if you move to a different region

Open the Setup menu

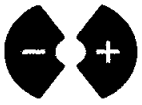
Move to Tuning menu

Access Tuning menu



Move to Auto setup

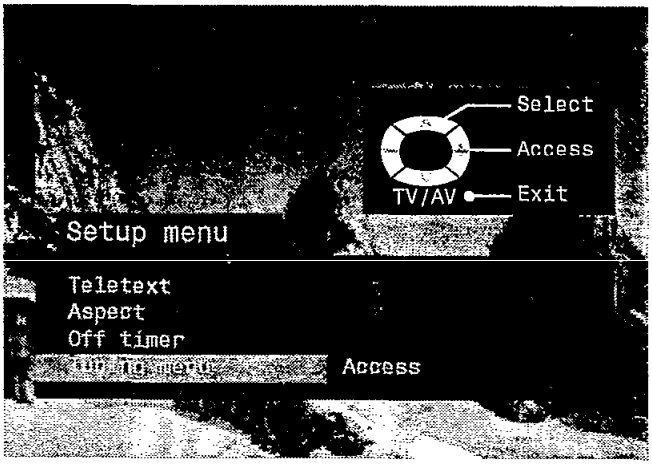
Access Auto setup

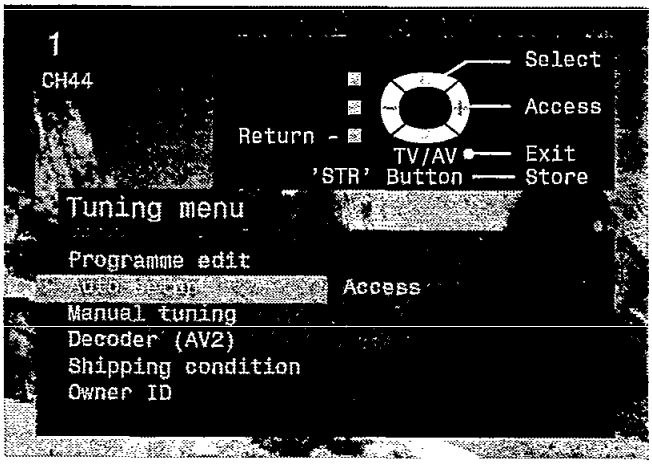


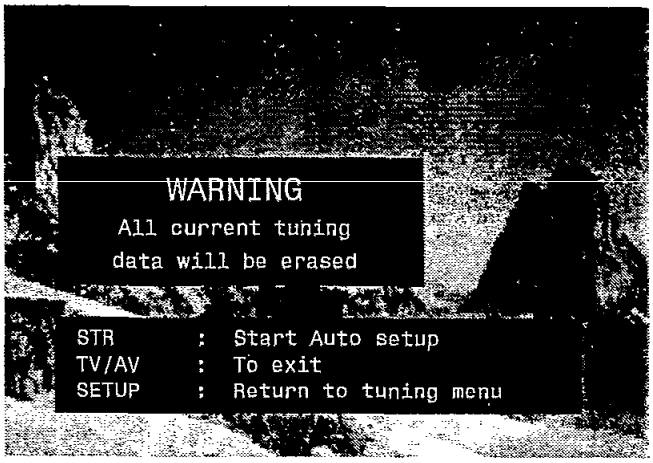
Press STR to start Auto setup

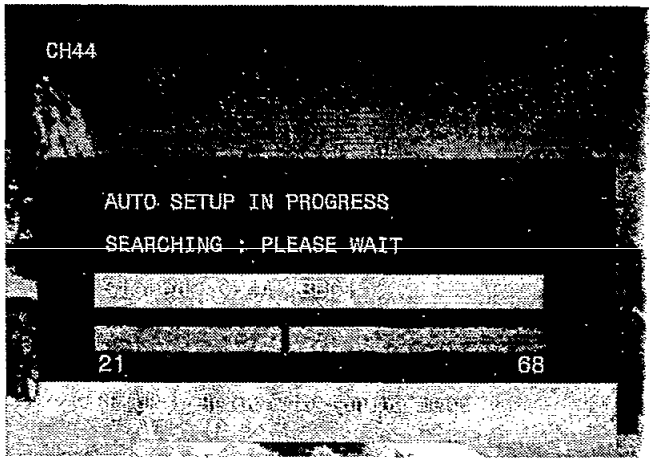
The TV will search for, locate and sort into order your local stations. If a compatible VCR is connected via the AV2 socket, programme data will be sent to the VCR via Q-Link (see page 24).

Once this operation is completed the TV will display programme position 1.









TUNING MENU - MANUAL TUNING

Manual tuning of the programme positions is available either from the On Screen Display menu or from the front panel controls

Manual tuning menu

Open the Setup menu

SET UP

Move to Tuning menu

Access Tuning menu

Move to Manual tuning

Access Manual tuning

Select the programme position to be tuned

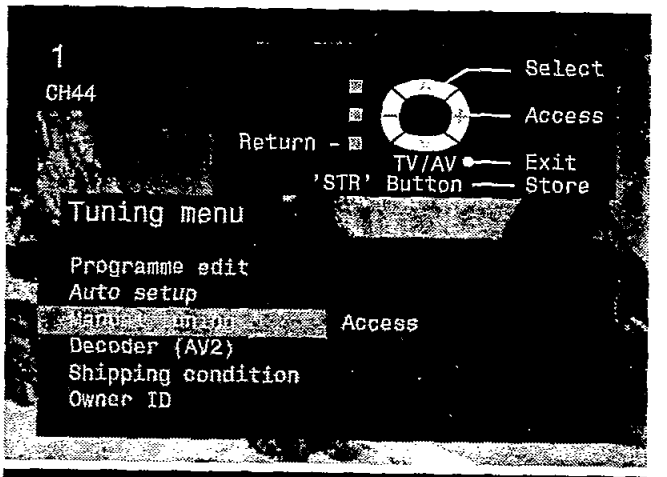
Press repeatedly until required **station is found**

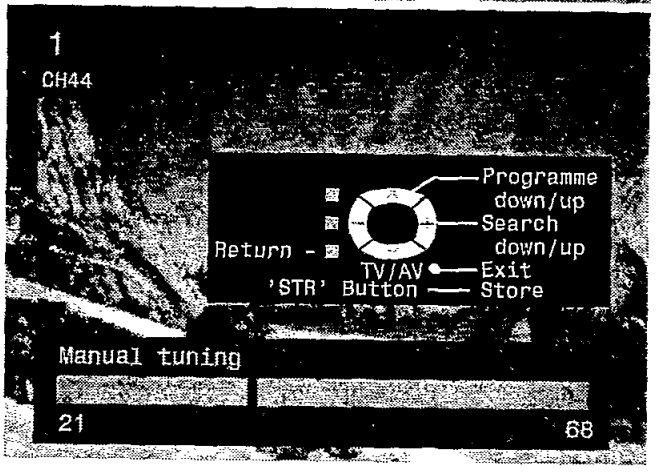
When the desired station is found, press STR to store.
The programme position will flash

STR

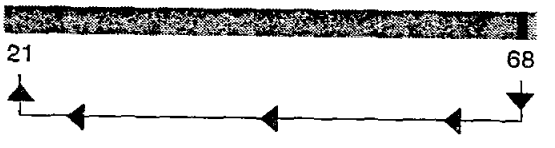
TV/AV

Press the TV/AV button to exit.





Important note :
On passing channel 68, tuning will restart at channel 21.



Manual tuning (Front panel)

Press the F button (Front panel) until "Tuning mode" is reached

F

Press the - or + button to access Tuning mode

-/∨ +/∧

Press the TV/AV button to move between "Change programme" and "Search"

TV/AV

Press the - or + button to change programme position or start search

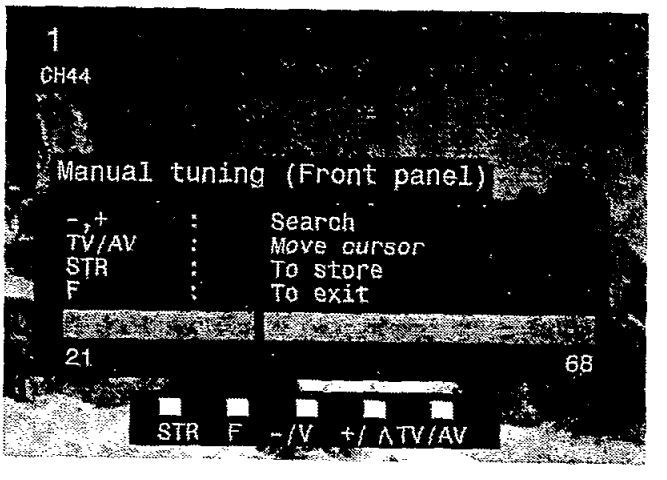
-/∨ +/∧

When the desired station is found, press STR to store.
The programme position will flash

STR

Repeat above procedure to tune additional programmes or press the F button to exit

F



TUNING MENU - SHIPPING CONDITION

Shipping condition allows you to reset the TV to its original condition, i.e. no channels tuned in

This is useful, for example, if you move to a different area when you will probably want the TV to tune itself to your new local stations.

This can be done either through the **Shipping condition** menu or through the **Auto setup** menu.

The **Shipping condition** menu will reset all data, clearing all tuning information and resetting all control levels back to factory settings. You may need to adjust your VCR or programme position '0' VCR after operating the **Shipping condition** menu - refer to page 26.

Open the Setup menu

SET UP

Move to Tuning menu

Access Tuning menu

Move to Shipping condition

Access Shipping condition

Press STR to start

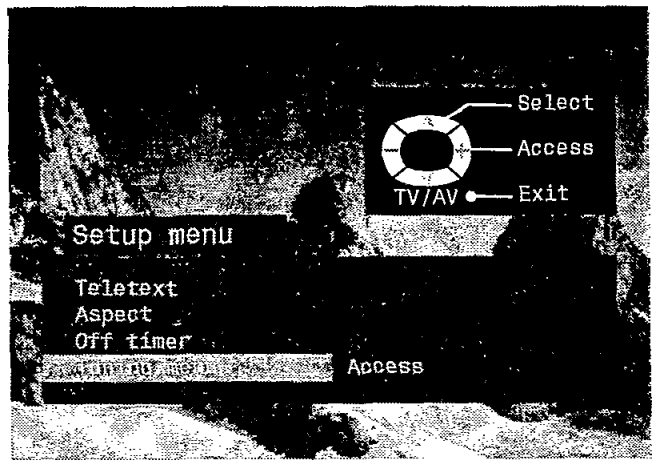
STR

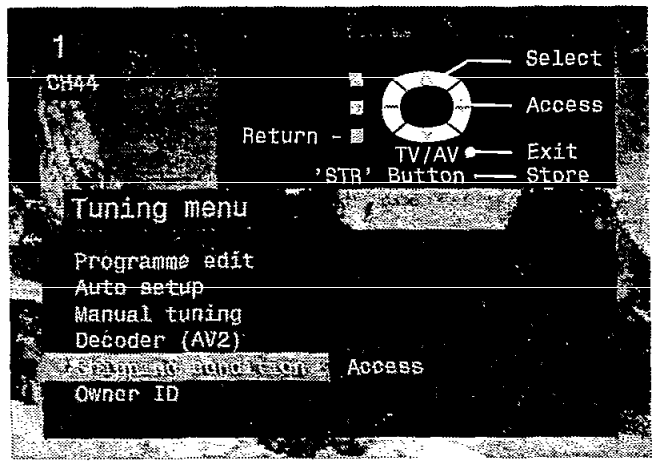
Press again, to confirm, each time that you are asked, "Are you sure ?"

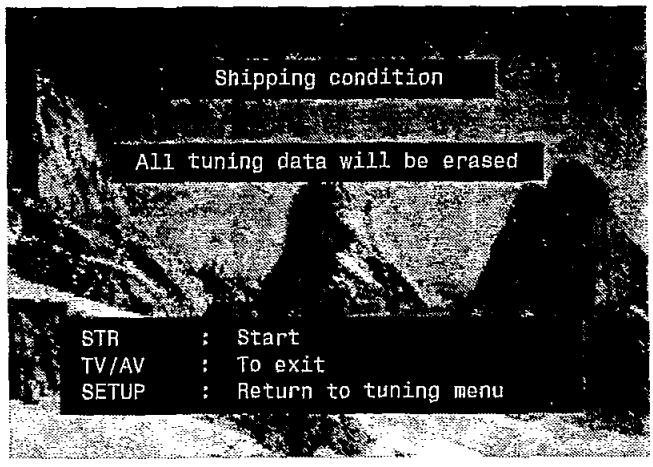
STR

STR

Switch TV off and wait for a few seconds.
Switch TV on again.
Auto setup will begin, stations will be located, sorted and stored ready for use.
See page 19.







TUNING MENU - OWNER ID

Owner ID allows you to enter a security code and address information so that in the unfortunate event of theft it will help the Police to determine the owner.

If the Owner ID information was not entered after Auto setup or it is necessary to alter some of the ID information it can be re-accessed via the Tuning menu.

Open the Setup menu

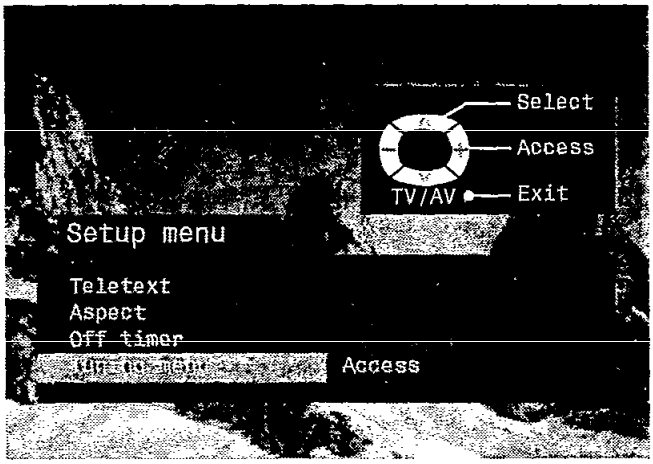
SET UP

Move to Tuning menu

Access Tuning menu

Move to Owner ID

Access Owner ID



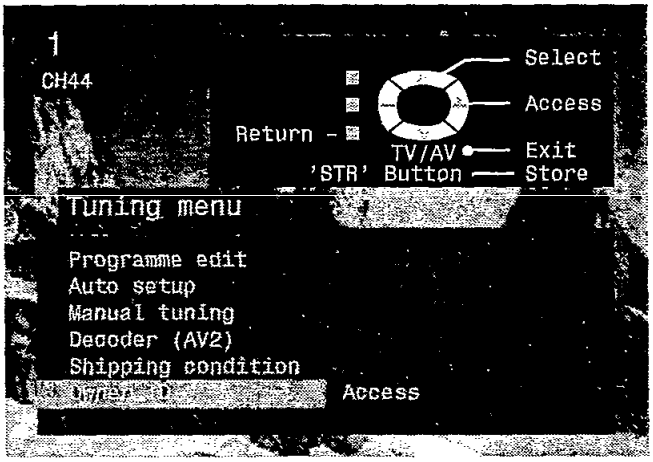
If the Owner ID has previously been set, enter the **PIN NUMBER** (using 0 to 9 on the remote control) followed by **STR** to proceed, this will take you to the **NAME** option.

1 2 3
4 5 6
7 8 9
0

STR

If no Owner ID has previously been set, enter the required 4 digit Owner ID **PIN NUMBER** (using 0 to 9 on the remote control).

1 2 3
4 5 6
7 8 9
0



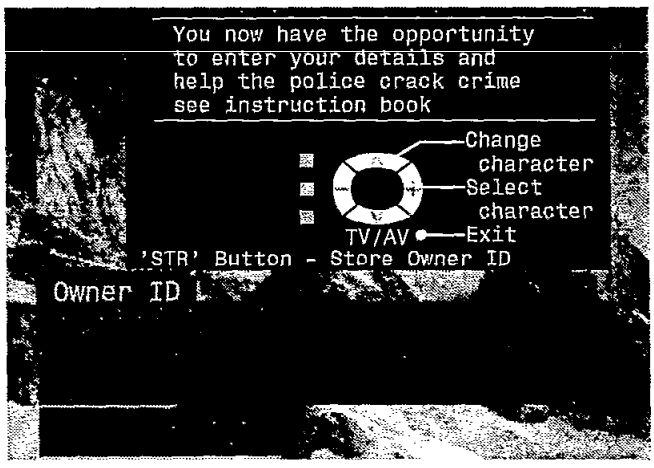
If a 4 digit **PIN NUMBER** was entered above, you will be taken automatically to the **NAME** line.

If not, move to the **NAME** line.

Change character.

Select character position.

Repeat above until **NAME, HOUSE NUMBER** and **POSTCODE** are entered.



Press STR to store the details. Press again, to confirm,when asked, "Are you sure ?"

STR

STR

The Tuning menu will be displayed.

Press the TV/AV button to exit

TV/AV

For future reference,
write your PIN Number here :

____ ____ ____ ____

AV SELECT AND SETUP

The AV Select menu will allow you to choose which AV source to view

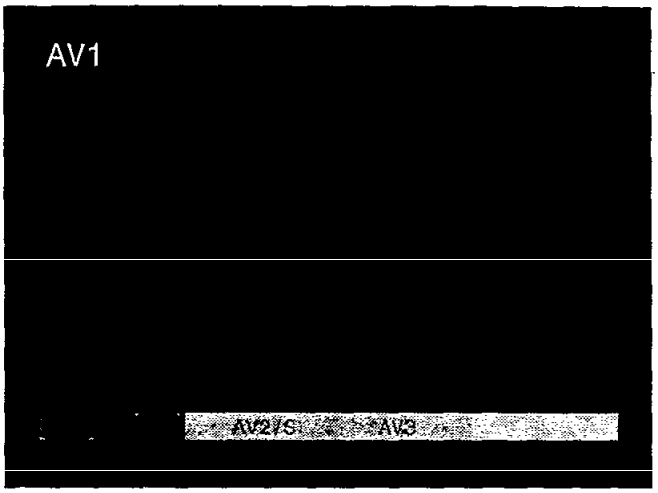
Press the TV/AV button

TV/AV

Press the appropriate coloured remote control button(whilst the options remain on screen)

The options will disappear

You may wish to make adjustments in the Setup or Sound menus



Setup menu

Open the Setup menu

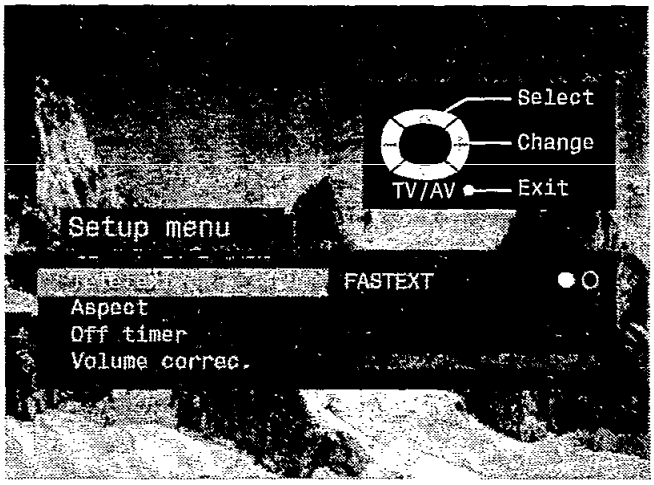
SET UP

Move to your choice

Access adjustments or options

Press the TV/AV button to exit

TV/AV



Sound menu

Open the Sound menu

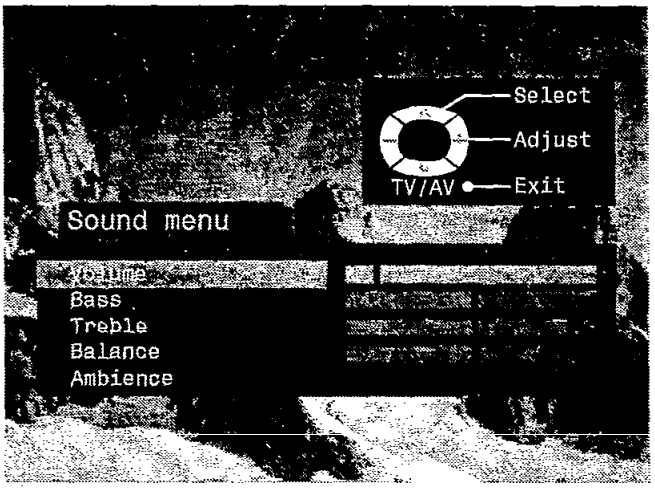
SOUND

Move to your choice

Access adjustments or options

Press the TV/AV button to exit

TV/AV



Q-LINK

Q-Link allows the television to communicate with a compatible VCR

For Q-Link communication to work, the TV must be connected to a VCR with the "Q-Link", "NEXTVIEWLINK", "DATA LOGIC", "Easy Link", "Megalogic" or "SMARTLINK" logo using a 'fully wired' Scart cable between the AV2 socket of the television and the appropriate socket on your VCR.
For connection to the appropriate Scart socket on the VCR, refer to the VCR operating instruction book.

When using a "NEXTVIEWLINK" VCR the main features possible are the following :

- *Preset Download* - Downloading of tuning information from the TV to the VCR .
- *Direct TV Record* - For immediate recording of the current program (What You See Is What You Record).

When using a "Q-Link" VCR the main features possible are the following :

- *Preset Download* - Downloading of tuning information from the TV to the VCR .
- *Direct TV Record* - For immediate recording of the current program (What You See Is What You Record).
- *TV/VCR Auto Power On* - When the VCR plays a tape the TV will automatically switch On and select the AV2 input.
- *VCR Auto Power Standby* - When the TV is switched into Standby, the VCR will also switch into Standby.
- *VCR Image view* - When the VCR plays a tape the TV will automatically switch On and select the AV2 input.

This TV will also communicate with other VCR's that bear the following logo's :

- "DATA LOGIC" (a trademark of Metz Corporation).
- "Easy Link" (a trademark of Philips Corporation).
- "Megalogic" (a trademark of Grundig Corporation).
- "SMARTLINK" (a trademark of Sony Corporation).

These VCR's may support some or all of the above functions.
Refer to the VCR operating instruction book.

Preset Download

This allows the programme order from the TV to be downloaded to the VCR, this helps to ensure that correct recordings are made, there are several ways to perform this operation :

1. During installation as explained in the 'Quick Start Guide' beginning on page 6.
2. When Auto setup is started from within the Tuning menu, see page 19.
3. When TV to VCR manual download is started from within 'Programme edit', see page 18.
4. Preset download started from the VCR, refer to the VCR operating instruction book.

Important Note:
Not all VCRs support this type of data communication system. Some may support certain features, but not others. Refer to the VCR operating instruction book.
If Q-Link is inoperative, first confirm that your Scart cable is a full function type . Ask your dealer for further details.

What You See Is What You Record (DIRECT TV RECORDING)

This will allow the immediate recording of the program currently shown on the Television.

Press the DIRECT TV REC button on the remote control

If the VCR is in Standby mode with a useable tape inserted, it will automatically switch on when you press the DIRECT TV REC buttor

If a "Q-Link" VCR is connected a message will appear on the TV screen showing what is being recorded, or if it is not possible to recorc Some "Q-Link" compatible VCR's will only display the message when on the VCR programme position(0) or in AV mode. Refer to th VCR operating instruction book.

VCR recording preset prog
Recording this programme now

VCR is recording the programme signal from its own tuner. If you wish you can switch off the TV and leave the VCR recording in the normal way.

VCR recording TV source

VCR is recording the programme signal from the television. You must not change programme position or switch off the TV: if you do, the VCR will automatically stop recording and switch off.

No recording - TAPE IS PROTECTED

The write protection tab on the back of the cassette has been removed.

Examples of other messages that might be displayed are:

No recording - NO TAPE
No recording - VCR IS PLAYING
VCR Recording VCR external

No recording - VCR ALREADY RECORDING
No recording - TAPE MAY BE DAMAGED
No recording - NO SOURCE AVAILABLE

TV / VCR Auto Power On

(With a Panasonic Q-Link VCR connected, this additional feature is available).

- If you insert a tape in the VCR and press the Play button, the TV will automatically switch On and select the AV2 input so that you can view the tape.

Some other VCR's may support this feature. Refer to the VCR operating instruction book.

VCR Auto Power Standby

(With a Panasonic Q-Link VCR connected, this additional feature is available).

When the TV is switched into 'Standby mode', the VCR will also switch into 'Standby mode' providing that the VCR is in 'Rewind' or 'Stop'mode, or there is no tape currently in the VCR.

- If the 'Auto Power Standby' command is received by the VCR whilst a tape is rewinding, the VCR will not switch into 'Standby mode' until after rewinding has finished.

Some other VCR's may support this feature. Refer to the VCR operating instruction book.

VCR Image View On

(With a Panasonic Q-Link VCR connected, this additional feature is available).

If the TV is in Standby mode and the VCR sends a menu to be displayed on the TV screen (e.g. Main menu), the TV will automatically switch On and the menu will be displayed.

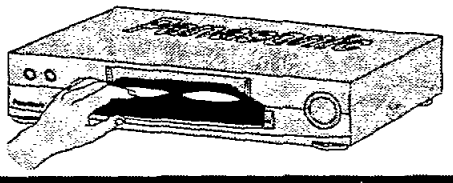
Some other VCR's may support this feature. Refer to the VCR operating instruction book.

VCR AND SATELLITE RECEIVER INSTALLATION

Your new TV is supplied with programme position '0' set to receive an RF signal from your VCR, although a Scart connection is preferable if the VCR is so equipped.
However, if for some reason your VCR is tuned to a different RF channel then you will not receive any picture or sound from your VCR on programme position '0' of the TV. It will be necessary to either adjust the RF channel of your VCR (some VCR's allow adjustment of their RF channel via their remote control unit) or to adjust the tuning of the TV's programme position '0' or both until it receives the RF output channel of your VCR.
It is intended that this advice is used in conjunction with the instruction books for your additional equipment.
Use the AV1 Scart terminal for a VCR.

Use the AV2S Scart terminal for an S-Video VCR.

Use the AV2S Scart terminal for a Q-Link, NEXTVIEWLINK or compatible VCR.



To tune your TV to the VCR

Switch on the VCR, insert and play a pre-recorded tape with known content

Open the Setup menu — SET UP

Move to Tuning menu

Access Tuning menu

Move to Manual tuning

Access Manual tuning

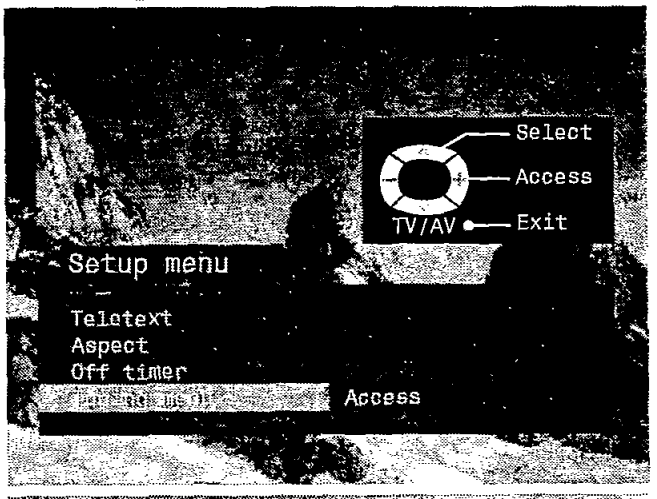
Select programme position '0' VCR

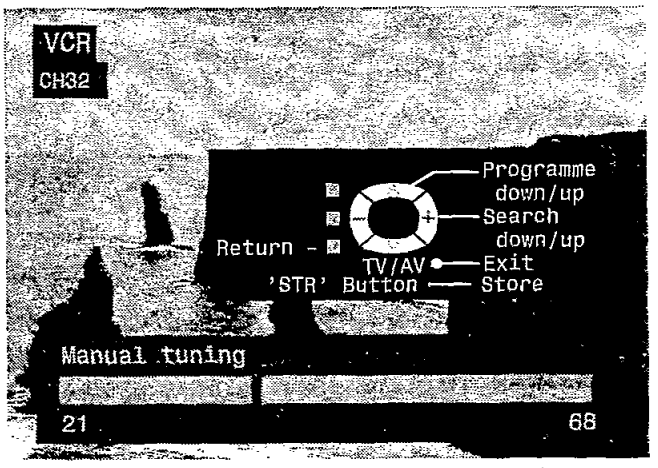
Start searching for the VCR playback of the known content tape

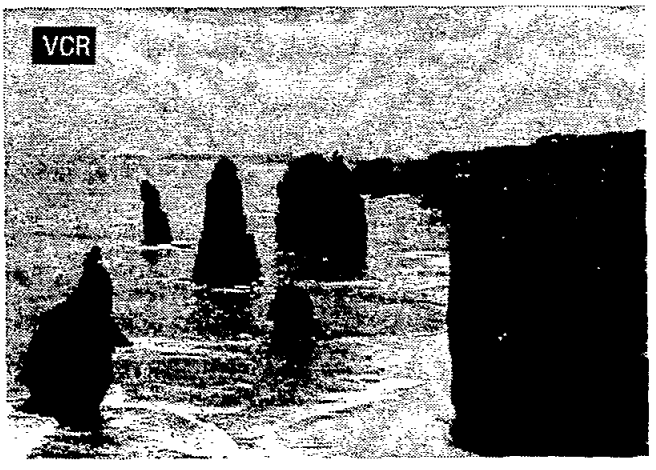
When the VCR playback is found, press STR to store — STR

Press the TV/AV button to exit. — TV/AV

See below for installation of VCR and Satellite Receiver.







Notes :

- If picture patterning occurs on programme position '0' it may be necessary to adjust the RF output channel of the VCR, refer to the VCR instruction book.
- If a Satellite Receiver and a VCR are going to be used with RF cable connections **it is important** to avoid both units being set on the same channel.
  Refer to the Satellite Receiver and VCR instruction books for precise tuning information.